

ABSTRACT OF THE DISCLOSURE

The present invention relates to a solid electrolytic capacitor comprising a solid electrolyte layer and an electrically conducting layer comprising metallic powder or an electrically conducting layer comprising an electrically conducting carbon layer and a layer formed thereon and comprising metallic powder in which at least one of said layers contains a rubber-like elastic material; a production process thereof; a solid electrolyte for use in the solid electrolytic capacitor; a production process of the solid electrolyte; an electrically conducting paste for use in the solid electrolytic capacitor; and an electrically carbon conducting paste for use in the solid electrolytic capacitor.

The solid electrolytic capacitor of the present invention can be made compact and can be endowed with high-capacitance and low-impedance and is excellent in external force-relaxing properties, productivity, heat resistance and moisture resistance, etc.